

Sequence Listing N10038PCT.ST25.txt
SEQUENCE LISTING

<110> NOXXON Pharma AG

<120> Ghrelin binding nucleic acids

<130> N 10038 PCT

<160> 130

<170> PatentIn version 3.1

<210> 1

<211> 28

<212> PRT

<213> Rattus rattus

<400> 1

Gly Ser Ser Phe Leu Ser Pro Glu His Gln Lys Ala Gln Gln Arg Lys
1 5 10 15

Glu Ser Lys Lys Pro Pro Ala Lys Leu Gln Pro Arg
20 25

<210> 2

Sequence Listing N10038PCT.ST25.txt

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> RNA pool

<220>

<221> misc_feature

<222> (22)..(61)

<223> nucleotide = a, g, c or u

<400> 2

ggagcucaga cuucacucgu gnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60

ncacguacca cugucgguuc cac 83

<210> 3

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> RNA pool (reverse complementary strand)

<220>

<221> misc_feature

Sequence Listing N10038PCT.ST25.txt

<222> (23)..(62)

<223> nucleotide = a,g,c or u

<400> 3

guggaaccga cagugguacg ugnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 60

nncacgagug aagucugagc ucc

83

<210> 4

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<220>

<221> promoter

<222> (1)..(19)

<223> T7 promoter

<400> 4

tctaatacga ctactatag gagctcagac ttcactcg

38

<210> 5

<211> 20

<212> DNA

Sequence Listing N10038PCT.ST25.txt

<213> Artificial Sequence

<220>

<223> primer

<400> 5

gtggaaccga cagtgttacg

20

<210> 6

<211> 102

<212> DNA

<213> Artificial Sequence

<220>

<223> DNA pool

<220>

<221> misc_feature

<222> (41)..(80)

<223> nucleotide is a, g, c or t

<400> 6

tctaatacga ctactatag gagctcagac ttcactcgtg nnnnnnnnnn nnnnnnnnnn 60

nnnnnnnnnn nnnnnnnnnn cacgtaccac tgtcggttcc ac 102

<210> 7

<211> 82

Sequence Listing N10038PCT.ST25.txt

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 7

ggagcucaga cuucacucgu gugaggcaau aaaacuuaag uccgaaggua accaauccua 60

cacguaccac ugucgguucc ac

82

<210> 8

<211> 47

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 8

cgugugagggc aauaaaacuu aaguccgaag guaaccaauc cuacacg 47

<210> 9

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

Sequence Listing N10038PCT.ST25.txt

<223> Ghrelin-binding nucleic acid

<400> 9

ggagcucaga cuucacucgu gugaggcagu aaaacuuaag uccgaaggua accaauccua 60

cacguaccac ugucgguucc ac

82

<210> 10

<211> 47

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 10

cgugugaggc aguaaaacuu aaguccgaag guaaccaauc cuacacg 47

<210> 11

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 11

ggagcucaga cuucacucgu gugaggcaau aaaacuuaag uccgaaggua accaauccug 60

cacguaccac ugucgguucc ac

82

Sequence Listing N10038PCT.ST25.txt

<210> 12

<211> 47

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 12

cgugugagggc aauaaaacuu aaguccgaag guaaccaauc cugcacg 47

<210> 13

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 13

ggagcucaga cuucacucgu gugaggcaau aaaacauaag uccgaaggua accaauccua 60

cacguaccac ugucgguucc ac 82

<210> 14

<211> 47

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 14

cgugugaggc aauaaaacau aaguccgaag guaaccaauc cuacacg 47

<210> 15

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 15

ggagcucaga cuucacucgu gugaggcaau aaaacguaag uccgaaggua accaauccua 60

cacguaccac ugucgguucc ac 82

<210> 16

<211> 47

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 16

cgugugaggc aauaaaacgu aaguccgaag guaaccaauc cuacacg 47

Sequence Listing N10038PCT.ST25.txt

<210> 17

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 17

ggagcucaga cuucacucgu gugaggcaau aaaacuugua aguccgaagg uaaccaaucc 60

uacacguacc acugucgguu ccac 84

<210> 18

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 18

cgugugaggc aaauaaaacuu guaaguccga agguaaccaa uccuacacg 49

<210> 19

<211> 83

<212> RNA

Sequence Listing N10038PCT.ST25.txt

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 19

ggagcucaga cuucacucgu gugaggcaau aaaaacuuaa guccgaaggu aaccaauccu 60

acacguacca cugucgguuc cac 83

<210> 20

<211> 48

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 20

cgugugaggc aauaaaaacu uaaguccgaa gguaaccaau ccuacacg 48

<210> 21

<211> 85

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

Sequence Listing N10038PCT.ST25.txt

<400> 21

ggagcucaga cuucacucgu gcggugaggc aaaaacguaa gaccgaaggu aaccauuccu 60

accacguac cacugucggu uccac

85

<210> 22

<211> 50

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 22

cgugcgguga ggcaaaaacg uaagaccgaa gguaaccuu ccuaccacg 50

<210> 23

<211> 85

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 23

ggagcucaga cuucacucgu gugagguagu aaaaaaacgu aaauccgaag guaaccaauc 60

cuacacguac cacugucggu uccac

85

<210> 24

Sequence Listing N10038PCT.ST25.txt

<211> 50

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 24

cgugugaggu aguaaaaaaaaa cguaaauccg aagguaacca auccuacacg 50

<210> 25

<211> 88

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 25

ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa cguaaauccg aagguaacca 60

auccuacacg uaccacuguc gguuccac 88

<210> 26

<211> 53

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 26

cgugugaggu aguaaaaaaaa aaacguaaau ccgaagguaa ccaauccuac acg 53

<210> 27

<211> 89

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 27

ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa acguaaaucc gaagguaacc 60

aguccuacac guaccacugu cgguuccac 89

<210> 28

<211> 54

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 28

cgugugaggu aguaaaaaaaa aaaacguaaa uccgaaggua accaguccua cacg 54

Sequence Listing N10038PCT.ST25.txt

<210> 29

<211> 90

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 29

ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa aacguaaauc cgaagguaac 60

caauccuaca cguaccacug ucgguuccac 90

<210> 30

<211> 55

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 30

cgugugaggu aguaaaaaaaa aaaaacguaa auccgaaggu aaccaauccu acacg 55

<210> 31

<211> 91

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 31

ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa aaacguaaaau ccgaagguaa 60

ccaauccuac acguaccacu gucgguucca c 91

<210> 32

<211> 56

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 32

cgugugaggu aguaaaaaaaa aaaaaaacgua aauccgaagg uaaccaaucc uacacg 56

<210> 33

<211> 94

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 33

ggagcucaga cuucacucgu gugagguagu aaaaaaaaaa aaaaaacaaua aauccgaagg 60

Sequence Listing N10038PCT.ST25.txt

uaaccaaucc uacacguacc acugucgguu ccac 94

<210> 34

<211> 59

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 34

cgugugaggu aguaaaaaaaaa aaaaaaaaaac auaaauccga agguaaccaa uccuacacg 59

<210> 35

<211> 19

<212> RNA

<213> Artificial Sequence

<220>

<223> primer binding sequence

<400> 35

ggagcucaga cuucacucg 19

<210> 36

<211> 20

<212> RNA

Sequence Listing N10038PCT.ST25.txt

<213> Artificial Sequence

<220>

<223> primer binding sequence

<400> 36

cguaccacug ucguuccac

20

<210> 37

<211> 47

<212> RNA

<213> Artificial Sequence

<220>

<223> truncated B11

<400> 37

cgugugaggc aauaaaacuu aaguccgaag guaaccaauc cuacacg

47

<210> 38

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 38

ggagcucaga cuucacucgu gcggugaggc agacguaaga ccgaagguaa ccuuccuac

60

Sequence Listing N10038PCT.ST25.txt

ccacguacca cugucgguuc cac

83

<210> 39

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 39

ggagcucaga cuucacucgu gcgugagggc uaacguaaga ccgaagguaa ccauuccuac 60

ccacguacca cugucgguuc cac

83

<210> 40

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 40

ggagcucaga cuucacucgu guggugagggc uaacguaaga ccgaagguaa ccauuccuac 60

ccacguacca cugucgguuc cac

83

<210> 41

Sequence Listing N10038PCT.ST25.txt

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 41

ggagcucaga cuucacucgu gugagguaau aaaacuaaa cgaagguaa ccaauccuac 60

acguaccacu gucgguucca c 81

<210> 42

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 42

ggagcucaga cuucacucgu gcguaccguu auaaaggagg uccugcagac ugaugccagg 60

ccacguacca cugucgguuc cac 83

<210> 43

<211> 82

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 43

ggagcucaga cuucacucgu gcgugagggc agacguaaga ccgaagguaa ccuuccuac 60

cacguaccac ugucgguucc ac 82

<210> 44

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 44

ggagcucaga cuucacucgu gcgugagggc aaacguaaga ccgaagguaa ccuuccuac 60

cacguaccac ugucgguucc ac 82

<210> 45

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

Sequence Listing N10038PCT.ST25.txt

<400> 45

ggagcucaga cuucacucgu gcgugagggc uaacguaaga ccgaagguaa ccauuccuac 60

cacguaccac ugucgguucc ac 82

<210> 46

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 46

ggagcucaga cuucacucgu gcgugagggc aaaaacguaa gaccgaaggu aaccauuccu 60

accacguacc acugucgguu ccac 84

<210> 47

<211> 80

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 47

ggagcucaga cuucacucgu gugagguaau aaaacuaaa cgaagguaa ccaauccuaa 60

cguaccacug ucgguuccac 80

Sequence Listing N10038PCT.ST25.txt

<210> 48

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 48

ggagcucaga cuucacucgu gugaggcagu aaaacuuaag uccgaaggua accaauccua 60

acguaccacu gucgguucca c 81

<210> 49

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 49

ggagcucaga cuucacucgu gugaggcaau uaaacuugaa guccgaaggu aaccaauccu 60

aacguaccac ugucgguucc ac 82

<210> 50

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 50

ggagcucaga cuucacucgu gugaggcgau aaaacuugua aguccgaagg uaaccaaucc 60

uaacguacca cugucgguuc cac 83

<210> 51

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 51

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucucaua cgucgccgca 60

acguaccacu gucgguucca c 81

<210> 52

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

Sequence Listing N10038PCT.ST25.txt

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 52

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuucucaua ggucgccgca 60

ccacguacca cugucgguuc cac 83

<210> 53

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 53

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuucuaauag gucgccgcac 60

cacguaccac ugucgguucc ac 82

<210> 54

Sequence Listing N10038PCT.ST25.txt

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 54

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucuccau acgucgccgc 60

accacguacc acugucgguu ccac

84

<210> 55

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

Sequence Listing N10038PCT.ST25.txt

<400> 55

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucuccaa acgucgccgc 60

accacguacc acugucgguu ccac 84

<210> 56

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 56

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guucuccaau cgucgccgca 60

ccacguacca cugucgguuc cac 83

<210> 57

<211> 82

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 57

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuucuccau aggucgccac 60

cacguaccac ugucgguucc ac 82

<210> 58

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 58

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucuucan acgucgccgc 60

accacguacc acugcgguu ccac 84

Sequence Listing N10038PCT.ST25.txt

<210> 59

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 59

ggagcucaga cuucacucgu ggaauaggaa ugauucagac guuuccauac gucgccgcac 60

cacguaccac ugucgguucc ac

82

<210> 60

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

Sequence Listing N10038PCT.ST25.txt

<223> 2'-Flouro-modified pyrimidines

<400> 60

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuucanagg ucgccgcacc 60

acguaccacu gucggaucca c

81

<210> 61

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 61

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucanacg ucgccgcacc 60

acguaccacu gucggaucca c

81

<210> 62

<211> 80

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 62

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guccauacgu cgccgcacca 60

cguaccacug ucguuccac 80

<210> 63

<211> 85

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 63

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuuucucca uacgucgccg 60

caccacguac cacugucggu uccac 85

Sequence Listing N10038PCT.ST25.txt

<210> 64

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 64

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuuuuccau acgucgccgc 60

accacguacc acugucgguu ccac

84

<210> 65

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

Sequence Listing N10038PCT.ST25.txt

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 65

ggagcucaga cuucacucgu gcgcuuucug uuagcugccg accgucagug cggcacgaga 60

uacguaccac ugucgguucc ac 82

<210> 66

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 66

ggagcucaga cuucacucgu gcgcuuucug uuagcugcug accgucagug cggcacgaga 60

uacguaccac ugucgguucc ac 82

<210> 67

<211> 81

<212> RNA

Sequence Listing N10038PCT.ST25.txt

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 67

ggagcucaga cuucacucgu gcgcuuucug uuagcuccga ccgucagugc ggcacgagau 60

acguaccacu gucgguucca c

81

<210> 68

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 68

ggagcucaga cuucacucgu gcgcuuucug uuagcucaga ccgucagugc ggcacgagau 60

Sequence Listing N10038PCT.ST25.txt

acguaccacu gucgguucca c

81

<210> 69

<211> 80

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 69

ggagcucaga cuucacucgu gcgcuuuugu uagcucagac cgucagugcg gcacgagaua 60

cguaccacug ucgguuccac

80

<210> 70

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

Sequence Listing N10038PCT.ST25.txt

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 70

ggagcucaga cuucacucgu gcgcuuucua gcucuuaacc gaccgugcgg cacgagacgu 60

accacugucg guuccac

77

<210> 71

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 71

ggagcucaga cuucacucgu gugccgcccu uauugucagg gagcuugagc cgacacugcg 60

gacguaccac ugucgguucc ac

82

<210> 72

<211> 83

Sequence Listing N10038PCT.ST25.txt

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 72

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucucaua cgucgccgca 60

ccacguacca cugucgguuc cac

83

<210> 73

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

Sequence Listing N10038PCT.ST25.txt

<400> 73

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucucaaa cgucgccgca 60

ccacguacca cugucgguuc cac

83

<210> 74

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 74

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuuccauac gucgccgcac 60

cacguaccac ugucgguucc ac

82

<210> 75

<211> 79

<212> RNA

<213> Artificial Sequence

<220>

Sequence Listing N10038PCT.ST25.txt

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 75

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucauguc gccgcaccac 60

guaccacugu cgguuccac 79

<210> 76

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 76

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucacacg ucgccgcacc 60

acguaccacu gucgguucca c 81

<210> 77

Sequence Listing N10038PCT.ST25.txt

<211> 81

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 77

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucacg ucgccgcacc 60

acguaccacu gucgguucca c

81

<210> 78

<211> 80

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

Sequence Listing N10038PCT.ST25.txt

<400> 78

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guccauacgu cgccgcacca 60

cguaccacug ucgguuccac 80

<210> 79

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 79

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuuccauag gucgccgcac 60

cacguaccac ugucgguucc ac 82

<210> 80

<211> 83

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 80

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuucucaua ggucgccgca 60

ccacguacca cugucgguuc cac 83

<210> 81

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 81

ggagcucaga cuucacucgu ggaauaggaa ugacucagac guuucuccau acgucgccgc 60

accacguacc acugucgguu ccac 84

Sequence Listing N10038PCT.ST25.txt

<210> 82

<211> 84

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 82

ggagcucaga cuucacucgu ggaauaggaa ugacucaggc cuuucucau aggucgccgc 60

accacguacc acugucgguu ccac 84

<210> 83

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

Sequence Listing N10038PCT.ST25.txt

<223> 2'-Flouro-modified pyrimidines

<400> 83

ggagcucaga cuucacucgu ggaauaggaa ugacccagac guuuucauac gucgccgcac 60

cacguaccac ugucgguucc ac

82

<210> 84

<211> 83

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 84

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuuuucuaa ggucgccgca 60

ccacguacca cugucgguuc cac

83

<210> 85

<211> 83

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 85

ggagcucaga cuucacucgu ggaauaggaa ugacucagac cuuuuucuaa ggucgccgca 60

ccacguacca cugucgguuc cac

83

<210> 86

<211> 82

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<223> 2'-Flouro-modified pyrimidines

<400> 86

ggagcucaga cuucacucgu gcgcuuucug uuagcugccg accgucagug cggcacgaga 60

uacguaccac ugucgguucc ac

82

Sequence Listing N10038PCT.ST25.txt

<210> 87

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 87

ggugggugag gcaguaaugu aaguccgaag guaaccaauc cuaccacc 49

<210> 88

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 88

gggugaggca guaauguaag uccgaaggua accaauccua ccc 43

<210> 89

<211> 43

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 89

gggugaggca gacacguaag accgaaggua accaauccua ccc 43

<210> 90

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 90

ggugggugag gcagcuaugu aaguccgaag guaaccaauc cuaccacc 49

<210> 91

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 91

gggugaggca gcuauguaag uccgaaggua accaauccua ccc 43

Sequence Listing N10038PCT.ST25.txt

<210> 92

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 92

gggugaggca ugcaaguaag uccgaaggua cccaauccua ccc

43

<210> 93

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 93

gggugaggca guuauguaag accgaaggua cccaauccua ccc

43

<210> 94

<211> 49

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 94

ggugggugag gcacaccgau aaguccgaag guaaccatuc cuaccacc 49

<210> 95

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 95

ggugaggca caccatuaag uccgaaggua accatuccua ccc 43

<210> 96

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 96

ggugaggca auccgaatag uccgaaggua accatuccua ccc 43

<210> 97

Sequence Listing N10038PCT.ST25.txt

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 97

gggugaggca guaaaguaag accgaaggua accaauccua ccc

43

<210> 98

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 98

gggugaggca guucaguaag uccgaaggua accaauccua ccc

43

<210> 99

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

Sequence Listing N10038PCT.ST25.txt

<223> Ghrelin-binding nucleic acid

<400> 99

gggugaggcg uacaaauaag uccgaaggua accaguccua ccc

43

<210> 100

<211> 43

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 100

gggugaggca cacaaauaag uccgaaggua uccaguccua ccc

43

<210> 101

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<220>

<221> misc_feature

<222> (1)..(1)

<223> Primer

Sequence Listing N10038PCT.ST25.txt

<400> 101
ggugggugag gcacacccgu aaguccgaag guaaccaauc cuaccacc 49

<210> 102

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 102
ggugggugag gcauuaacgu aagaccgaag guaaccaauc cuaccacc 49

<210> 103

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 103
ggugggugag gcaguuaugu aagaccgaag guaccxaauc cuaccacc 49

<210> 104

<211> 49

Sequence Listing N10038PCT.ST25.txt

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 104

ggugggugag gcagucuugu aaguccgaag guaaccaauc cuaccacc

49

<210> 105

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 105

ggugggugag gcauaaacgu aagaccgaag guaaccaauc cuaccgcc

49

<210> 106

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

Sequence Listing N10038PCT.ST25.txt

<400> 106
ggugggugag gcaaugucgu aaguccgaag guaaccaauc cuaccacc 49

<210> 107

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 107
ggugggugag gcacuaaaau aagaccgaag guaaccaauc cuaccacc 49

<210> 108

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 108
ggugggugag gcacgcaaau aagaccgaag guaaccaauc cuaccacc 49

<210> 109

<211> 49

<212> RNA

Sequence Listing N10038PCT.ST25.txt

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 109

ggugggugag gcuucacau aaguccgaag guaaccaauc cuaccacc 49

<210> 110

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 110

ggugggugag gcaguaaugu aaguccgaag guaaccaauc cuaccacc 49

<210> 111

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 111

ggugggugag gcaauuaagu aaguccgaag guaaccaguc cuaccacc 49

Sequence Listing N10038PCT.ST25.txt

<210> 112

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 112

ggugggugag gcaugcaagu aaguccgaag guacccauc cuaccacc 49

<210> 113

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 113

ggugggugag gcauuaacgu aaguccgaag guaaccauc cuaccuacc 49

<210> 114

<211> 49

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 114

ggugggugag gcacacaaau aaguccgaag guauccaguc cuaccacc

49

<210> 115

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 115

ggugggugag gcagacacgu aagaccgaag guaaccaauc cuaccacc

49

<210> 116

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 116

ggugggugag gcacaccgau aaguccgaag guaaccaauc cuaccacc

49

Sequence Listing N10038PCT.ST25.txt

<210> 117

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 117

ggugggugag gcguacaaau aaguccgaag guaaccaguc cuaccuacc 49

<210> 118

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 118

ggugggugag gcaauaaagu aagaccgaag guaaccaauc cuaccacc 49

<210> 119

<211> 49

<212> RNA

<213> Artificial Sequence

Sequence Listing N10038PCT.ST25.txt

<220>

<223> Ghrelin-binding nucleic acid

<400> 119

ggugggugag gcagcuaugu aaguccgaag guaaccaauc cuaccacc 49

<210> 120

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 120

ggugggugag gcaauccgau aaguccgaag guaaccaauc cuaccacc 49

<210> 121

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 121

ggugggugag gcaguaaagu aagaccgaag guaaccaauc cuaccacc 49

<210> 122

Sequence Listing N10038PCT.ST25.txt

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 122

ggugggugag gcauacaagu aaguccgaag guaaccaauc cuaccacc 49

<210> 123

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 123

ggugggugag gcaguucagu aaguccgaag guaaccaauc cuaccacc 49

<210> 124

<211> 49

<212> RNA

<213> Artificial Sequence

<220>

Sequence Listing N10038PCT.ST25.txt

<223> Ghrelin-binding nucleic acid

<400> 124

ggugggugag gcaguaaaaau aaguccgaag guauc caa uc cuacc cacc 49

<210> 125

<211> 60

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 125

ggugggugag gcaaucuggu gaggcagaug uaagaccgaa gguaaccaau ccuacc cacc 60

<210> 126

<211> 17

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 126

ggagcucaga cuuagca 17

<210> 127

<211> 18

Sequence Listing N10038PCT.ST25.txt

<212> RNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 127

aucgaguguc gguuccac 18

<210> 128

<211> 103

<212> DNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 128

tctaatacga ctactatag gagctcagac ttagcaggtg ggtgaggcaa aaacgtaaga 60
ccgaaggtaa ccattcctac ccaccatcga gtgtcgggtc cac 103

<210> 129

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

Sequence Listing N10038PCT.ST25.txt

<400> 129

tctaatacga ctactatag gagtcagac ttagcagg

38

<210> 130

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Ghrelin-binding nucleic acid

<400> 130

gtggaaccga cactcgatgg

20